

MULHERGAD : APRIL/ MAY 2011
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-I : APPLIED BASIC SCIENCES
(2008 Course)

Day : Friday
Date : 13.05.2011

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions :

(2 × 20 marks)

- Q.1 What is a reflex? Discuss in detail the neonatal reflexes and highlight their importance in paediatric dental practice.
- Q.2 Discuss the composition of saliva. Critically evaluate the role of salivary proteins as diagnostic and prognostic markers in oro-dental diseases.

Short Essay Questions :

(5 × 7 marks)

- Q.3 Role of Zinc in Oral Health.
- Q.4 Chemical mediators of Inflammation.
- Q.5 Immunoglobulins.
- Q.6 Mature and Immature plaque.
- Q.7 Streptococcus mutans.

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MULHERGAD : APRIL/ MAY 2011
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-II : CLINICAL PAEDIATRICS DENTISTRY
(2008 Course)

Day : Monday
Date : 16-05-2011

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions :

(2 × 20 marks)

- Q.1** Discuss in detail the modifications of restorative procedures for deciduous dentition.
- Q.2** Discuss Pharmacological management of behaviour.

Short Essay Questions :

(5 × 7 marks)

- Q.3** Common medical emergencies in paediatric dental practice.
- Q.4** Rationalize the substitute for amalgam.
- Q.5** Conscious sedation.
- Q.6** Mineral Trioxide Aggregate.
- Q.7** Non accidental injuries.

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MULHERGAD : APRIL/ MAY 2011
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-III : PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED TO
PAEDIATRICS DENTISTRY

(2008 Course)

Day : Wednesday
Date : 18-05-2011

Time : 9:00 A.M. To 12:00 Noon
Max. Marks : 75.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions :

(2 × 20 marks)

- Q.1** Role of indices in community measures and future planning.
- Q.2** Contemporary concepts in clinical preventive dentistry.

Short Essay Questions :

(5 × 7 marks)

- Q.3** Recent enamel remineralizing agents.
- Q.4** Detection of child abuse.
- Q.5** Primary health care centres and their role.
- Q.6** Caries activity tests.
- Q.7** Ethical considerations in clinical research.

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MULHERGAD : APRIL/ MAY 2011
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-IV : ESSAY

(2008 Course)

Day : Friday
Date : 20.05.2011

Time : 9.00 A.M. To 12.00 Noon.
Max. Marks : 75.

Essay :

(1 × 75 marks)

Q.1 Evolution of Paediatric Endodontic procedures. Current concepts and materials.

OR

Q.2 Use of smart materials in paediatric dental practice.

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MULHERGAD: APRIL/MAY-2012

SUBJECT: PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-I: APPLIED BASIC SCIENCES

Day : Saturday
Date : 12.05.2012

Time : 9.00 A.M. To 12.00 Noon
Max.Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions :

(2 x 20 marks)

Q.1 Explain in detail about Immunoglobulins. Write in short about IgG and IgA and its role in Periodontal diseases and Caries in children.

Q.2 Growth of tongue and applied aspects.

Short Essay Questions :

(5 x 7 marks)

Q.3 Balanced diet

Q.4 Facial nerve

Q.5 Acrodynia

Q.6 Autoimmune disorders in children.

Q.7 Antibiotics in Pediatric dentistry.

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MULHERGAD: APRIL/MAY-2012
SUBJECT: PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-II: CLINICAL PAEDIATRIC DENTISTRY

Day : Monday
Date : 14.5.2012

Time : 9.00 A.M. To 12.00 Noon.
Max.Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions :

(2 x 20 marks)

- Q.1** Describe governing concepts as applied to Pediatric Endodontic Procedures. List and describe Pros and cons of available material for obturation in deciduous teeth.
- Q.2** Classify Traumatic Injuries of anterior teeth. Basic principles of patient assessment and management immediately post trauma. Describe treatment measures for Intrusion.

Short Essay Questions :

(5 x 7 marks)

- Q.3** Describe use of Celluloid Strip crowns in Pediatric Dentistry.
- Q.4** Impact of newer bonding agents on pediatric dental restorative procedures.
- Q.5** Application of Re-enforcement as a behaviour management concept.
- Q.6** Describe treatment of mottled teeth.
- Q.7** Describe dental management in a child with Leukemia.

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MULHERGAD: APRIL/MAY-2012
SUBJECT: PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-III: PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED TO
PAEDIATRIC DENTISTRY

Day : Wednesday
Date : 16.05.2012

Time : 9.00 A.M. TO 12.00 Noon
Max.Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions :

(2 x 20 marks)

Q.1 Sugar the Arch Criminal-Explain.

Q.2 Child Abuse and Neglect

Short Essay Questions :

(5 x 7 marks)

Q.3 Caries Detection

Q.4 Cariogram

Q.5 Sugar substitutes

Q.6 Global prevalence of Dental Disease and its changing trends. Explain in detail.

Q.7 Prenatal and post natal nutrients.

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MULHERGAD: APRIL/MAY-2012
SUBJECT: PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER-IV: ESSAY

Day : Friday
Date : 18.05.2012

Time : 9:00 A.M. To 12:00 Noon
Max.Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Essay :

(1 x 75 marks)

Q.1

What is Young Permanent teeth. Discuss in detail about Endodontic procedures in Young Permanent teeth.

OR

Q.2

Discuss in detail about etiology of caries and treatment considerations in high risk caries individuals.

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MULHERGAD : APRIL /MAY- 2013

**SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER - I APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
MICROBIOLOGY, NUTRITION & DIETICS**

**Day : Thursday
Date : 02/05/2013**

**Time : 9:00 a.m. to 12:00 Noon
Max. Marks : 75**

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate maximum marks.
 - 3) Illustrate your answers with suitable and labeled diagrams.
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Long Essay Questions :

(2 x 20 marks)

- Q.1** Physiology of coagulation and variables affecting the same.
- Q.2** Describe mechanism of Healing and Repair in the human body. Discuss impact of variables that can have a deleterious effect on the same.

Short Essay Questions :

(5 x 7 marks)

- Q.3** Give clinical ramifications of liver diseases in the Pediatric dental patient.
- Q.4** How do platelet disorders affect decision making as related to dental procedures?
- Q.5** Autoimmune disorders.
- Q.6** Role of IgG in defence against Str. Mutans
- Q.7** MPDS

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MULHERGAD : APRIL / MAY – 2013
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER – II : CLINICAL PAEDIATRIC DENTISTRY

Day : *Saturday*
Date : *4.5.2013*

Time : *9.00 A.M To 12.00 Noon*
Max. Marks : 75

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions:

(2 × 20 Marks)

- Q.1** Describe governing concepts as applied to Paediatric Endodontic Procedures. List and describe Pros and cons of available materials for pulpotomy in deciduous teeth.
- Q.2** Classify traumatic Injuries of anterior teeth. Give basic principles of patient assessment and management immediately post trauma. Describe treatment measures for root fractures.

Short Essay Questions:

(5 × 7 Marks)

- Q.3** What Extra Coronal restorations are available for use in Paediatric Dentistry.
- Q.4** Impact of bonding technology in innovative treatment solutions.
- Q.5** Define Behaviour, behaviour management and behaviour shaping.
- Q.6** Treatment of Immature permanent tooth.
- Q.7** Tongue thrust habit.

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MULHERGAD : APRIL / MAY – 2013
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER – III : PREVENTIVE AND COMMUNITY DENTISTRY
AS APPLIED TO PAEDIATRIC DENTISTRY

Day : Monday
Date : 6.5.2013

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate maximum marks.
- 3) Illustrate your answers with suitable and labeled diagrams.

Long Essay Questions:

(2 × 20 Marks)

- Q. 1** Explain Simplified Oral Hygiene Index and its impact in oral health policy making endeavors.
- Q. 2** Discuss the preventive options available in pediatric dentistry at both home and the clinic and protocols to implement the same.

Short Essay Questions:

(5 × 7 Marks)

- Q. 3** Describe Tertiary Prevention in Dentistry.
- Q. 4** New concepts in topical fluoride application.
- Q. 5** Re-mineralizing tooth cleansing systems.
- Q. 6** Discuss applicability of water Fluoridation in India.
- Q. 7** What is the role of Diet counseling in prevention of dental caries?

MULHERGAD : APRIL / MAY – 2013
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER – IV : ESSAY

Day : *Wednesday*
Date : *8.5.2013*

Time : *9.00 A.M. To 12.00 Noon*
Max. Marks : 75

N. B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate maximum marks.
 - 3) Illustrate your answers with suitable and labeled diagrams.
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Essay :

(1 × 75 Marks)

Q. 1 Biostatistics.

OR

Q. 1 Traumatic injuries of teeth and supporting structures.

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MULHERGAD : APRIL / MAY - 2014
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER - I : APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
MICROBIOLOGY, NUTRITION AND DIETICS

Day : *Saturday*
Date : *19-04-2014*

Time : *9.00 A.M. To 12.00 Noon*
Max. Marks : 75

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.

Long Essay Questions:

(2× 20 marks)

- Q. 1 Elaborate on the growth and development of the tongue and applied aspects thereof.
- Q. 2 Define allergy, classify hypersensitivity reactions. Describe anaphylaxis in detail

Short Essay Questions:

(5× 7 marks)

- Q. 3 Give clinical ramifications of radiation therapy in the pediatric dental patient.
- Q. 4 Pervasive developmental disorders.
- Q. 5 Acrodynia.
- Q. 6 Role of IgG in defence against Str. Mutans.
- Q. 7 Autoimmune diseases.

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MULHERGAD : APRIL / MAY - 2014
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER - II : CLINICAL PAEDIATRIC DENTISTRY

Day : Monday
Date : 21-04-2014

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.

Long Essay Questions:

(2× 20 marks)

- Q.1 Describe governing concepts as applied to Restorative procedures in the pediatric dental patient. List and describe pros and cons of available materials for restoration of deciduous teeth.
- Q.2 Discuss various obturating materials for endodontics in primary teeth with relevant studies.

Short Essay Questions:

(5× 7 marks)

- Q.3 Pain management in children.
- Q.4 Extracoronary restorations in paediatric dentistry.
- Q.5 Ectopic eruption and its ramification.
- Q.6 Herpetic gingivostomatitis.
- Q.7 Alternative means of caries removal.

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MULHERGAD : APRIL / MAY - 2014
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER - III : PREVENTIVE AND COMMUNITY DENTISTRY
AS APPLIED TO PAEDIATRIC DENTISTRY

Day : Friday
Date : 25-04-2014

Time : 9.00 A.M. TO 12.00 NOON
Max. Marks : 75

N. B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.

Long Essay Questions:

(2× 20 marks)

- Q. 1 What oral health policy you would like to institute at a national level to improve oral health status of children in India.
- Q. 2 Discuss the preventive options available in pediatric dentistry at both home and the clinic and protocols to implement the same.

Short Essay Questions:

(5× 7 marks)

- Q. 3 Simplified Oral Hygiene Index.
- Q. 4 New concepts in topical fluoride application.
- Q. 5 Disclosing agents.
- Q. 6 Discuss concept of Fluoride Tablets.
- Q. 7 What is the role of Diet counseling in prevention of dental caries?

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MULHERGAD : APRIL / MAY - 2014
SUBJECT : PAEDODONTICS AND PREVENTIVE DENTISTRY
PAPER - IV : ESSAY

Day : Monday
Date : 28-04-2014

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75

N. B. :

- 1) Draw neat and labeled diagram **WHEREVER** necessary.
- 2) Figures to the **RIGHT** indicate full marks.

Essay :

(1× 75 marks)

- Q.1** What is the impact of Diet and lifestyle on the oral health status of today's adolescent?

OR

- Q.1** Current concepts of pulp therapy in young permanent teeth.

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MULHERGAD : SUMMER 2015
SUBJECT : PAPER-I – APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
MICROBIOLOGY, NUTRITION AND DIETICS

Day : Monday
Date : 20-04-2015

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate full marks.
 - 3) Illustrate your answer with suitable and labeled diagrams.
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Long Essay Questions:

(2 x 20 marks = 40)

- Q.1** Define growth and development. Describe in detail pre and post natal development of the mandible.
- Q.2** Describe the factors that predispose to intravascular thrombosis. Describe the fate of thrombus.

Short Essay Questions:

(5 x 7 marks = 35)

- Q.3** Chemical mediators of inflammation.
- Q.4** Food guide pyramid.
- Q.5** Rickets.
- Q.6** Factors influencing wound healing.
- Q.7** Infection control in pedodontics.

MULHERGAD : SUMMER 2015
SUBJECT : PAPER-II – CLINICAL PAEDIATRIC DENTISTRY

Day : Wednesday
Date : 29.04.2015

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate full marks.
 - 3) Illustrate your answer with suitable and labeled diagrams.
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Long Essay Questions:

(2 x 20 marks = 40)

- Q.1** Define and classify oral habits. Discuss in detail about Thumb sucking habit.
- Q.2** Discuss the role of pedodontist in the management of handicapped children.

Short Essay Questions:

(5 x 7 marks = 35)

- Q.3** Pulp Capping.
- Q.4** Mixed dentition analysis.
- Q.5** Nitrous oxide/ Oxygen Sedation.
- Q.6** Enamel hypoplasia and its management.
- Q.7** Various storage media for avulsed tooth.

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MULHERGAD : SUMMER 2015
SUBJECT : PAPER-III – PREVENTIVE AND COMMUNITY DENTISTRY AS
APPLIED TO PAEDIATRIC DENTISTRY

Day : Friday
Date : 24.04.2015

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the **RIGHT** indicate full marks.
 - 3) Illustrate your answer with suitable and labeled diagrams.
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Long Essay Questions:

(2 x 20 marks = 40)

- Q.1** Evolution and recent progress regarding use of Fluorides in Pedodontics.
- Q.2** Elaborate Space Management in Transitional Dentition.

Short Essay Questions:

(5 x 7 marks = 35)

- Q.3** Pediatric Forensic Odontology.
- Q.4** Newer Remineralizing Agents.
- Q.5** Comprehensive Infant Oral Care.
- Q.6** Sucrose – the Culprit. Explain.
- Q.7** Planning an Invivo study.

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MULHERGAD : SUMMER 2015
SUBJECT : PAPER-IV -ESSAY

Day : Monday
Date : 27.04.2015

Time : 9.00 A.M To 12.00 Noon
Max. Marks : 75.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Illustrate your answer with suitable and labeled diagrams.

Write an Essay on:

(1 x 75 marks = 75)

Q.1 Occlusal development from birth to 12 years of age.

OR

Q.2 Pediatric Endodontics.

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MULHERGAD: SUMMER – 2016
SUBJECT : PAPER – I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
MICROBIOLOGY, NUTRITION & DIETICS

Day : Monday
Date : 06/06/2016

Time : 09.00 AM TO 12.00 NOON
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1** Describe the origin, course, branches and innervation of trigeminal nerve. [20]
- Q.2** Describe in detail Defensive mechanism of oral cavity. [20]

Short Essay Questions:

- Q.3** Drug dosage calculations for children. [07]
- Q.4** Microbiology of dental plaque. [07]
- Q.5** Stem cells. [07]
- Q.6** Vitamin D deficiency. [07]
- Q.7** Biology of tooth movement. [07]

MULHERGAD: SUMMER – 2016
SUBJECT : PAPER – II: CLINICAL PAEDIATRIC DENTISTRY

Day : Wednesday
Date : 08/06/2016

Time : 09.00 AM TO 12.00 NOON
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1 Discuss in detail the traumatic injuries of young permanent teeth. Add a note on the prevention of dental injuries in children. [20]
- Q.2 Discuss the different problems of clinical management in treating physically and mentally disabled children. [20]

Short Essay Questions:

- Q.3 Space regainers in mixed dentition. [07]
- Q.4 Electronic dental anaesthesia in children. [07]
- Q.5 Bonding agents. [07]
- Q.6 Gingival enlargements in children. [07]
- Q.7 Masochistic habits. [07]

MULHERGAD: SUMMER – 2016
**SUBJECT : PAPER – III: PREVENTIVE & COMMUNITY DENTISTRY AS APPLIED
TO PAEDIATRIC DENTISTRY**

Day : Friday
Date : 10/06/2016

Time : 09.00 AM TO 12.00 NOON
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
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Long Essay Questions:

- Q.1** Management of difficult children in dental practice. [20]
- Q.2** Discuss various School Oral Health Programs. Design a plan for [20]
implementation of School Oral Health Program in rural areas.

Short Essay Questions:

- Q.3** Preventive Orthodontics. [07]
- Q.4** Discuss the importance of Diet Analysis in a child with severe ECC. [07]
- Q.5** Pit and fissure sealants. [07]
- Q.6** Remineralising Agents for Incipient Carious lesions. [07]
- Q.7** Defluoridation. [07]

MULHERGAD: SUMMER – 2016
SUBJECT : PAPER – IV: ESSAY

Day : Monday
Date : 13/06/2016

Time : 09.00 AM TO 12.00 NOON
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Discuss the place of modern esthetic materials in pediatric dentistry. [75]

OR

Discuss the role of genetics in pediatric dentistry with emphasis on upcoming research. [75]

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MULHERGAD : SUMMER – 2017
SUBJECT: PAPER – I : APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY,
MICROBIOLOGY, NUTRITION AND DIETICS

Day : Friday
Date : 19/05/2017

Time: 09.00 AM TO 12.00 NOON
Max. Marks: 75

N. B.:

- 1) All questions are **COMPULSORY**.
- 2) Figure to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagram **WHEREVER** necessary.

Long Essay Questions:

- Q. 1 Discuss in detail Development of Teeth - Primary and Permanent with applied aspects. (20)
- Q. 2 Discuss Physiology of Coagulation of Blood. (20)

Short Essay Questions:

- Q. 3 Sugar Substitutes. (07)
- Q. 4 Antibiotic use in children. (07)
- Q. 5 Dental pain in children. (07)
- Q. 6 Healing of Extraction socket. (07)
- Q. 7 Growth spurts – Dental implications. (07)

MULHERGAD : SUMMER – 2017
SUBJECT: PAPER – II : CLINICAL PAEDIATRIC DENTISTRY

Day : Monday
Date : 22/05/2017

Time: 09.00 AM TO 12.00 NOON
Max. Marks: 75

N. B.:

- 1) All questions are **COMPULSORY**.
- 2) Figure to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagram **WHEREVER** necessary.

Long Essay Questions:

- Q. 1** Complete Dental Rehabilitation in patients with E.C.C. – Recent concepts in management with Literature review. (20)
- Q. 2** Critically evaluate various Materials and Techniques used for Obturation of Primary teeth. (20)

Short Essay Questions:

- Q. 3** Caries Stabilization. (07)
- Q. 4** Restorative Dentistry in Children. (07)
- Q. 5** Gingival Enlargement in Children and its Management. (07)
- Q. 6** Smart Dental Materials. (07)
- Q. 7** Laser Dentistry. (07)

MULHERGAD : SUMMER – 2017
SUBJECT: PAPER – III : PREVENTIVE AND COMMUNITY DENTISTRY AS
APPLIED TO PAEDIATRIC DENTISTRY

Day : Wednesday
Date : 24/05/2017

Time: 09.00 AM TO 12.00 NOON
Max. Marks: 75

N. B.:

- 1) All questions are **COMPULSORY**.
- 2) Figure to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagram **WHEREVER** necessary.

Long Essay Questions:

Q. 1 Discuss various Caries Activity Tests and critically analyze its validity with literature. **(20)**

Q. 2 Discuss in detail Preventive Pediatric Dentistry. **(20)**

Short Essay Questions:

Q. 3 Chairside Oral Health Education. **(07)**

Q. 4 ANOVA. **(07)**

Q. 5 Caries detection – Recent Advances. **(07)**

Q. 6 Sugar Substitutes. **(07)**

Q. 7 Mouth – Guards. **(07)**

MULHERGAD : SUMMER – 2017
SUBJECT: PAPER – IV : ESSAY

Day : Friday
Date : 26/05/2017

Time: 09.00 AM TO 12.00 NOON
Max. Marks: 75

N. B.:

- 1) Attempt **ANY ONE** question.
- 2) Figure to the right indicate **FULL** marks.
- 3) Draw neat and labelled diagram **WHEREVER** necessary.

Q.1 Maxillofacial Dental Injuries in Children. (75)

OR

Dentistry for Special Children. (75)

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M.D.S. PAEDODONTICS & PREVENTIVE DENTISTRY :
SUMMER - 2018
SUBJECT: PAPER – IV: ESSAY

Day: **Friday**
Date: **15/06/2018**

S-2018-3630

Time: **09.00 AM TO 12.00 NOON**
Max. Marks: 75

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat labelled diagrams **WHEREVER** necessary.
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Discuss Dental emergencies in Paediatric clinical practice and its management. (75)

OR

Revascularization and Regeneration.

(75)

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150618-m-dental-pune

M.D.S. Paedodontics & Preventive Dentistry : SUMMER - 2019
PAPER - II :
SUBJECT : CLINICAL PAEDIATRIC DENTISTRY

Day : Monday
Date : 03/06/2019

S-2019-4085

Time: 09.00 AM TO 12.00 NOON
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate your answer with suitable and labeled diagrams.

Long Questions:

(2 X 20 Marks)

- Q.1 Recent trends in Bio-Mechanical Preparation of root canals in primary teeth.
- Q.2 Discuss the common agents employed in conscious sedation with indications, Contraindications, Drug dosage and technique for each agent.

Short Essay Questions:

(5 X 7 Marks)

- Q.3 Space Regainers in Pediatric Dentistry.
- Q.4 Update on Paediatric aesthetic crowns.
- Q.5 Management of early childhood caries.
- Q.6 Management of an emotionally disturbed child.
- Q.7 Dental management of Leukemia patients.

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M.D.S. Paedodontics & Preventive Dentistry : SUMMER - 2019
PAPER - III :
SUBJECT : PREVENTIVE AND COMMUNITY DENTISTRY AS APPLIED TO
PAEDIATRIC DENTISTRY

Day : Thursday
Date : 06/06/2019

S-2019-4086

Time: 09.00 AM TO 12.00 NOON
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate your answer with suitable and labeled diagrams.

Long Questions:

(2 X 20 Marks)

- Q.1** Discuss the importance of dental health education. Describe the essentials of school dental health programs.
- Q.2** Discuss the availability effect, merits and demerits of systemic fluoride v/s topical fluoride.

Short Essay Questions:

(5 X 7 Marks)

- Q.3** Primary prevention
- Q.4** Feasibility of Caries Vaccine
- Q.5** Path Finder Survey
- Q.6** Dental Home Concept
- Q.7** Diet Dairy

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M.D.S. Paedodontics & Preventive Dentistry : SUMMER - 2019

**PAPER - IV :
SUBJECT : ESSAY**

Day : Saturday
Date : 08/06/2019

Time: 09.00 AM TO 12.00 NOON
Max. Marks : 75

S-2019-4087

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate your answer with suitable and labeled diagrams.

Day Care Dentistry.

(75 marks)

OR

Recent Advances in Paediatric Endodontics.

(75 marks)

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080619-m-dental-pune

M. D. S. PART-I (2018 COURSE) (PEDIATRIC DENTISTRY): SUMMER-2019
SUBJECT: BASIC SCIENCES

Day: Friday
Date: 28/06/2019

Time: 09.00 AM TO 12.00 NOON
Max. Marks: 100

S-2019-4088-G

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat labelled diagrams **WHEREVER** necessary.

- | | | |
|------|--|------|
| Q.1 | Discuss in detail Muscles of Deglutition. | (10) |
| Q.2 | Oral Manifestations of Systemic Diseases in children. | (10) |
| Q.3 | Discuss Development of Permanent teeth. | (10) |
| Q.4 | Dental pain perception. | (10) |
| Q.5 | Defense mechanism of oral cavity. | (10) |
| Q.6 | Lymphatic drainage of face and its applied aspects. | (10) |
| Q.7 | Healing of Extraction wound. | (10) |
| Q.8 | Metabolism of carbohydrates and its clinical significance. | (10) |
| Q.9 | Balanced Diet in Health and Disease. | (10) |
| Q.10 | Importance of P.I.C.O. question framework in clinical research. | (10) |

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M. D. S. Part-II (2018 Course) (Pediatric & Preventive Dentistry): Summer : 2021

SUBJECT: Paper – I –Clinical Pedodontics

Day: Tuesday
Date: 07-09-2021

Time: 09:00 AM-12:00 PM
Max. Marks: 100

S-20248-2021

N. B.

- 1) All Questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long essay questions:

(50)

- Q. 1** Discuss extra-coronal restorations in children. Critically evaluate recent development against stainless steel crowns.
- Q. 2** Discuss management of Leukemic patient in dental clinic

Short essay questions:

(50)

- Q. 3** Effects on permanent teeth due to traumatic injuries to primary teeth.
- Q. 4** Viral Infections in children. Oral Manifestations and treatment.
- Q. 5** Discuss use of MTA and recent advances in apex completion procedures.
- Q. 6** Isolation and matricing : Recent advances
- Q. 7** Use of SMART materials in interceptive orthodontics

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M.D.S. Part-I (2018 Course) (Pediatric Dentistry) : Summer – 2021

Subject: Basic Sciences

Day: Monday
Date: 06-09-2021

Time 09:00 AM-12:00 PM
Max. Marks: 100

S-20247-2021

N. B.

- 1) All questions are **COMPULSORY**.
- 2) Draw neat labeled diagrams **WHEREVER** necessary.
- 3) Figures to the right indicate **FULL** marks.

Q. 1	Growth Prediction in craniofacial complex	(10)
Q. 2	Nerve of first Branchial Arch	(10)
Q. 3	Sucrose metabolism and its implications in Dentistry	(10)
Q. 4	Eruption and Shedding of Deciduous teeth	(10)
Q. 5	Immunology in pediatric dentistry	(10)
Q. 6	Steps in planning a Research	(10)
Q. 7	Statistical Analysis in oral health research	(10)
Q. 8	Oral manifestations of systemic diseases in children	(10)
Q. 9	Saliva as a Biomarker	(10)
Q. 10	Role of Genetics in Development of Dental Anomalies	(10)

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M. D. S. Part-II (2018 Course) (Pediatric & Preventive Dentistry) : SUMMER- 2022

SUBJECT: Paper – I –Clinical Pedodontics

Day : Saturday

Date : 3/9/2022

S-20248-2022

Time : 09:00 AM-12:00 PM

Max. Marks : 100

N. B.

- 1) All Questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long essay questions:

(50)

- Q. 1** Discuss in detail changing paradigms of apex completion procedures.
- Q. 2** Pediatric dental practice: advantages and challenges.

Short essay questions:

(50)

- Q. 3** Recent advances in local anesthesia.
- Q. 4** Management of extrusive luxation in central incisor of eight year old child.
- Q. 5** Ectopic Eruption: diagnosis and management.
- Q. 6** Fear and anxiety in children.
- Q. 7** Aversive management in pediatric dentistry.

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M. D. S. Part-II (2018 Course) (Pediatric & Preventive Dentistry): Summer - 2022

SUBJECT: Paper – II –Preventive & Community Dentistry as Applied to
Pediatric Dentistry

Day : Monday

Time : 09:00 AM-12:00 PM

Date : 5/9/2022

S-20249-2022

Max. Marks : 100

N. B.

- 1) All Questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long essay questions:

(50)

- Q. 1 Explain various levels of prevention and explain in detail medical model of caries management.
- Q. 2 Discuss school dental health programs and its importance.

Short essay questions:

(50)

- Q. 3 Prophylactic antibiotics.
- Q. 4 Remineralization of enamel.
- Q. 5 Discuss global trends in dental caries in children.
- Q. 6 Discuss indigenous methods for oral health.
- Q. 7 Dietary counseling and oral health score.

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M. D. S. Part-II (2018 Course) (Pediatric & Preventive Dentistry): Summer :- 2022

SUBJECT: Paper – III – Descriptive & Analyzing Type Question

Day : Wednesday

Time : 09:00 AM-12:00 PM

Date : 7/9/2022

S-20250-2022

Max. Marks : 100

N. B.

- 1) Figures to the right indicate **FULL** marks.
- 2) Draw neat and labeled diagrams **WHEREVER** necessary.

Long essay questions: (Any Two)

(100)

- Q. 1 Discuss in detail management of differently abled children in dental clinic.
- Q. 2 Relative analgesia and day care dentistry.
- Q. 3 Traumatic injuries of primary teeth.

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M.D.S.
Paedodontics & Preventive Dentistry

: SUMMER - 2020

SUBJECT : PAPER - IV: ESSAY

Day : Wednesday
Date : 9-9-2020

Time : 9.00 A.M. To 12.00 P.M.
Max. Marks : 75

S-2020-7407

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Lasers in Pediatric Dentistry.

[75]

OR

Scope of Pediatric Dentistry in India.

[75]

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MASTER OF DENTAL SURGERY (M.D.S.) (2018 COURSE)
M.D.S. Part-I PAEDIATRIC & PREVENTIVE DENTISTRY : SUMMER : 2023
SUBJECT : BASIC SCIENCES

Day : Friday

Time : 09:30 AM-12:30 PM

Date : 15-12-2023

S-20247-2023

Max. Marks : 100

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

- Q.1 Discuss the role of Mutan's group of Streptococci. (10)
- Q.2 Explain the role of Saliva as a Noninvasive Diagnostic tool. (10)
- Q.3 Dental Pain mechanism in Pediatric Patients. (10)
- Q.4 Discuss diseases affecting coagulation mechanism and its management. (10)
- Q.5 Autoimmune diseases. (10)
- Q.6 Discuss the steps in Research Planning. (10)
- Q.7 Evidence Based Dentistry. (10)
- Q.8 Discuss about Pharyngeal arches with applied anatomy. (10)
- Q.9 Discuss discrepancies in tooth formation. (10)
- Q.10 Judicious use of different antibiotics in Pediatric Dentistry. (10)

MASTER OF DENTAL SURGERY (M.D.S.) (2018 COURSE)
M.D.S. Part-II PAEDIATRIC & PREVENTIVE DENTISTRY : SUMMER : 2023
SUBJECT : PAPER - I

Day : Monday

Time : 09:30 AM-12:30 PM

Date : 21-08-2023

S-20248-2023

Max. Marks : 100

N. B.

- 1) All Questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long essay questions:

(50)

- Q. 1 Define pulpotomy. Write the indications and contraindications of pulpotomy. Describe the procedure of formocresol pulpotomy and add a note on the mechanism of action of formocresol.
- Q. 2 Discuss the growth and development of dental arches from birth to adolescence.

Short essay questions:

(50)

- Q. 3 Describe the mechanism of action of calcium hydroxide.
- Q. 4 Acute herpetic gingivostomatitis
- Q. 5 Recent advances in delivering local anaesthesia.
- Q. 6 Oral defense mechanism.
- Q. 7 Role of antibiotics in pediatric endodontics

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MASTER OF DENTAL SURGERY (M.D.S.) (2018 COURSE)
M.D.S. Part-II PAEDIATRIC & PREVENTIVE DENTISTRY : SUMMER : 2023
SUBJECT : PAPER - II

Day : Wednesday
Date : 23-08-2023

S-20249-2023

Time : 09:30 AM-12:30 PM
Max. Marks : 100

N. B.

- 1) All Questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long essay questions:

(50)

- Q. 1 Discuss medical model to prevent dental caries.
- Q. 2 Discuss in detail prevention of harmful habits in children and role of myotherapy.

Short essay questions:

(50)

- Q. 3 Caries preventive varnishes.
- Q. 4 Prophylactic measures for cross contamination in dental clinic.
- Q. 5 Prophylactic odontotomy.
- Q. 6 Discuss prevention of traumatic injuries.
- Q. 7 Discuss use of ozone to control caries.

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